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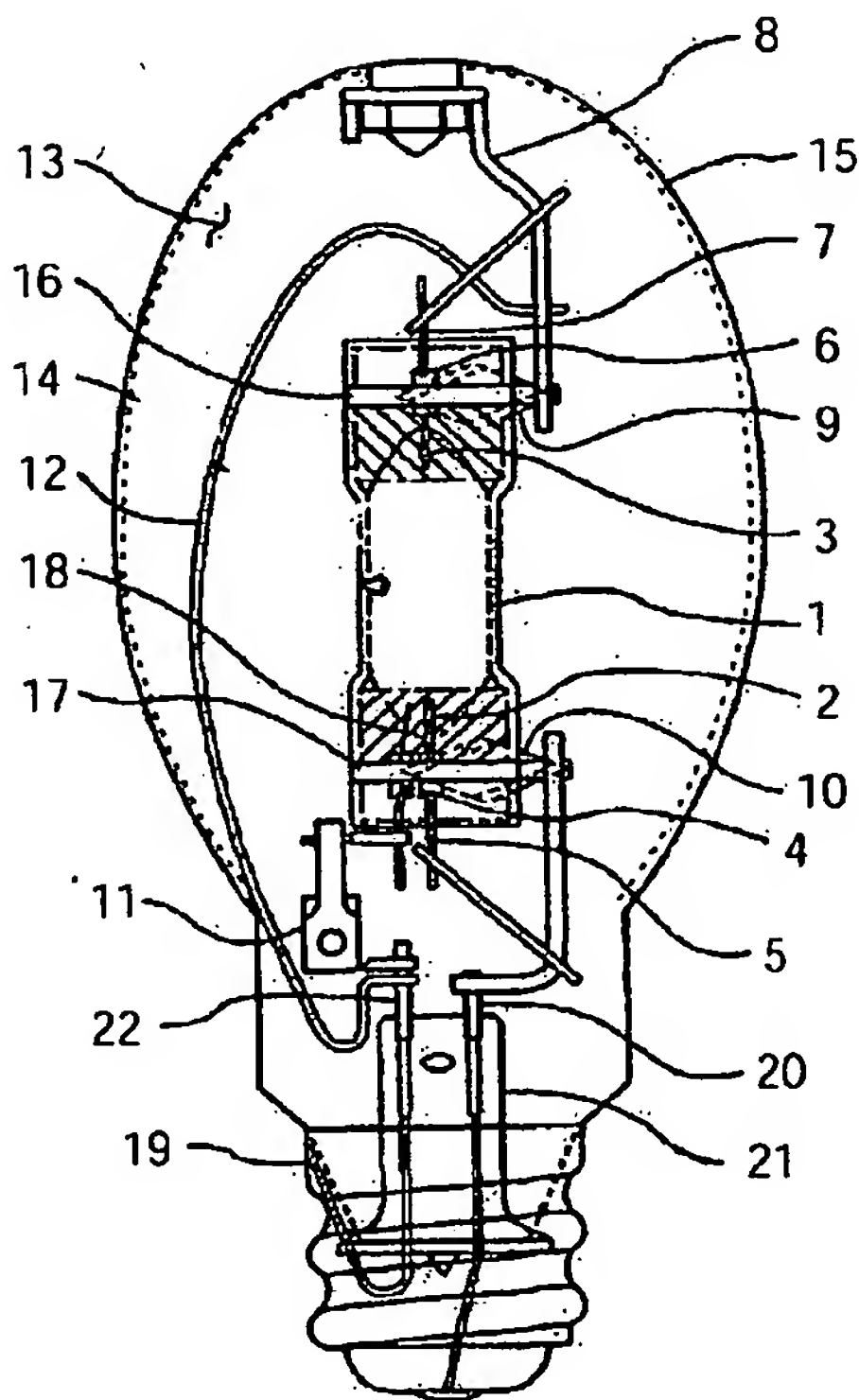
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): **HENDRIKS, Rene**,  
J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TALEN-VAN DER MHEEN, Henriette**, J.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HILDENBRAND, Volker**, D. [DE/NL]; c/o Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agents: **BOSMA, Rudolphus, H., A.** et al.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: HIGH PRESSURE METAL HALIDE LAMP



(57) Abstract: The invention relates to a high-pressure metal halide lamp, comprising an arc tube (1) comprising a metal halide containing discharge medium for supporting an electrical discharge, an outer envelope (15) surrounding said arc tube (1), and a phosphor coating (14) on the inner surface of said outer envelope (15), said phosphor coating comprising a blue emitting phosphor. Preferably, the blue emitting phosphor is selected from the group consisting of  $(\text{Ba,Ca})_{1.29}\text{Al}_{12}\text{O}_{19.29}:\text{Eu}$ ,  $\text{Sr}_5(\text{PO}_4)_3\text{Cl}:\text{Eu}$ ,  $\text{BaMgAl}_{10}\text{O}_{17}:\text{Eu}$ ,  $\text{Si}_2\text{Al}_6\text{O}_{11}:\text{Eu}$ ,  $\text{BaAl}_8\text{O}_{13}:\text{Eu}$ ,  $\text{Sr}_4\text{Al}_{14}\text{O}_{25}:\text{Eu}$ , and  $\text{BaMgAl}_{10}\text{O}_{17}:\text{Eu,Mn}$ .

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